

Title (en)

INK COMPOSITIONS

Title (de)

TINTENZUSAMMENSETZUNGEN

Title (fr)

COMPOSITIONS D'ENCRES

Publication

EP 3290485 A1 20180307 (EN)

Application

EP 17197048 A 20150915

Priority

- US 201462052241 P 20140918
- US 201562209788 P 20150825
- EP 15778416 A 20150915
- US 2015050121 W 20150915

Abstract (en)

This disclosure relates to an ink composition (e.g., a hot melt ink composition or a radiation curable ink composition) that has a relatively low conductivity. This disclosure also relates to a continuous printing process using such a composition and a product containing such a composition.

IPC 8 full level

C09D 11/101 (2014.01); **C09D 11/38** (2014.01)

CPC (source: EP US)

B05D 3/067 (2013.01 - US); **B32B 9/045** (2013.01 - US); **B32B 27/00** (2013.01 - US); **B32B 27/30** (2013.01 - US); **B32B 27/308** (2013.01 - US);
B32B 27/38 (2013.01 - US); **B33Y 10/00** (2014.12 - US); **B33Y 80/00** (2014.12 - US); **B41J 2/02** (2013.01 - US); **B41J 2/095** (2013.01 - US);
B41J 2/1721 (2013.01 - US); **B41J 2/435** (2013.01 - US); **C09D 11/101** (2013.01 - EP US); **C09D 11/12** (2013.01 - US);
C09D 11/30 (2013.01 - US); **C09D 11/34** (2013.01 - EP US); **C09D 11/38** (2013.01 - EP US); **C09D 11/52** (2013.01 - US)

Citation (applicant)

- US 6702884 B2 20040309 - BROWN BENJAMIN J [US]
- US 5863319 A 19990126 - BAKER RICHARD [US], et al
- US 5891228 A 19990406 - BAKER RICHARD J [US], et al
- US 8540350 B2 20130924 - BARBET BRUNO [FR]
- US 8162450 B2 20120424 - BARBET BRUNO [FR]
- US 7192121 B2 20070320 - BARBET BRUNO [FR], et al
- US 2013307891 A1 20131121 - BARBET BRUNO [FR], et al
- US 2014168322 A1 20140619 - BONNETON DAMIEN [FR]
- US 4303924 A 19811201 - YOUNG JR AINSLIE T
- US 5275646 A 19940104 - MARSHALL ALLAN [GB], et al
- US 5623001 A 19970422 - FIGOV MURRAY [IL]
- US 7322688 B2 20080129 - WOUDENBERG RICHARD C [US]
- "McCutcheon's Functional Materials", 1990, MANUFACTURING CONFECTIONER PUBLISHING CO., pages: 110 - 129

Citation (search report)

- [XY] EP 1705228 A1 20060927 - TNO [NL]
- [Y] WO 2012150349 A2 20121108 - MARKEM IMAJE [FR], et al
- [Y] EP 2692803 A1 20140205 - TOYO INK SC HOLDINGS CO LTD [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2016083601 A1 20160324; US 9631107 B2 20170425; CN 106795387 A 20170531; EP 3194512 A2 20170726; EP 3194512 B1 20200422;
EP 3290485 A1 20180307; EP 3290485 B1 20200422; US 2016083602 A1 20160324; US 9631108 B2 20170425; WO 2016044228 A2 20160324;
WO 2016044228 A3 20160519

DOCDB simple family (application)

US 201514855202 A 20150915; CN 201580049892 A 20150915; EP 15778416 A 20150915; EP 17197048 A 20150915;
US 2015050121 W 20150915; US 201514855218 A 20150915